

AIRCRAFT MAINTENANCE TECHNOLOGY - POWERPLANT, CERTIFICATE OF COMPLETION



Certificate of Completion: CCL 5669

33-52 Credits

Program Contact

Bashir Khalil | 480-988-8112 | bashir.khalil@cgc.edu

Program Description

The Certificate of Completion (CCL) in Aircraft Maintenance Technology - Powerplant is designed to prepare students to enter careers in aircraft (fixed-wing and rotorcraft) powerplant manufacturing and maintenance. Graduates can potentially work in general, corporate, commercial, manufacturing, and military sectors. Students who complete the certificate are eligible to apply for relevant Federal Aviation Administration written, oral, and practical exams. An Associates in Applied Science (AAS) in Aircraft Maintenance Technology - Powerplant is also available.

Program Notes

Students must earn a grade of "C" or better for all courses required within the program. Overall program minimum GPA = 2.00.

++ indicates any suffixed course may be selected.

Admission Criteria

Students wishing to enroll in this certificate program must complete an application process before being officially accepted into the program.

Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
Required Courses			
Select one of the following:		0-19	

AMT124 & AMT126 & AMT128 Aircraft Forms and Regulations, Weight and Balance, Drawings, and Ground Operations and Fundamentals of Mathematics and Electricity and Fundamentals of Aviation Physics, Corrosion Control, Materials and Processes, Fluid Lines and Fittin

Hold a valid FAA Airframe or Powerplant Certificate			
AMT263	Aircraft Turbine Engines	5	
AMT264	Aircraft Reciprocating Engines	7	
AMT266	Engine Fuel Systems, Fuel Metering and Induction System	6	
AMT268	Engine Electrical, Ignition and Starter Systems	6	
AMT270	Engine Instruments, Fire Protection And Lubrication, Cooling And Exhaust Systems	5	
AMT272	Propeller Systems and Engine Inspections	4	
Total Credits		33-52	